The first of miles systems.

kHz 15 600 - 19 800

4 - 4 - 4 - 4 - 4 - 4	litegan, salah <u>. </u>	15 600 – 19 800			
	Allocation to Services				
. 17	Region 1	Region 2	Region 3		
	15 600 - 15 800	BROADCASTING S5.134 S	5.135		
$\frac{1}{\lambda}$ \cdot	stera i din s eo i visti	S 5.146			
	15 800 - 16 360	FIXED	FIXED		
		\$5.153			
	16360 - 17410	MARITIME MOBILE S5.10	9 \$5.110 \$5.132 \$5.145		
	17 410 – 17 480	FIXED	FIXED		
	17 480 – 17 550	BROADCASTING S5.134 S	55.135		
		\$5.146			
	17 550 – 17 900	BROADCASTING			
		S5.148			
	17 900 – 17 970	AERONAUTICAL MOBILE	AERONAUTICAL MOBILE (R)		
	17 970 – 18 030	AERONAUTICAL MOBILE	AERONAUTICAL MOBILE (OR)		
	18 030 - 18 052	FIXED			
	18 052 - 18 068	FIXED			
		Space Research			
	18 068 - 18 168	AMATEUR S5.120			
		AMATEUR-SATELLITE			
		S5.154			
	18 168 – 18 780	FIXED			
		Mobile except aeronautical mo	obile		
	18 780 – 18 900	MARITIME MOBILE			
	18 900 - 19 020	BROADCASTING S5.134 S	5.135		
		\$5.146			
	19 020 - 19 680	FIXED			
į	19680 – 19800	MARITIME MOBILE S5.132			

In Region 3, the stations of those services to which the band 15995 - 16005 kHz is allocated may transmit standard frequency and time signals.

MOD S5.154

Additional allocation: in Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Moldova, Uzbekistan, Kyrgyzstan, Russia, Tajikistan, Turkmenistan and Ukraine, the band 18 068 - 18 168 kHz is also allocated to the fixed service on a primary basis for use within their boundaries, with a peak envelope power not exceeding 1 kW.

and the common of

kHz 19 800 - 23 350

Allocation to Services				
Region 1 Region 2 Region 3				
19 800 – 19 990	FIXED			
19 990 – 19 995	STANDARD FREQUENCY AND TIME SIGNAL			
	Space Research S5.111			
19 995 – 20 010	- 20 010 STANDARD FREQUENCY AND TIME SIGNAL (20 000 kHz)			
	S5.111			
20 010 - 21 000	FIXED			
	Mobile			
21 000 - 21 450	AMATEUR S5.120			
	AMATEUR-SATELLITE	AMATEUR-SATELLITE		
450 – 21 850 BROADCASTING				
	S5.148			
1850 – 21870 FIXED S5.155A				
	S5.155			
21 870 – 21 924	FIXED S5.155B			
21 924 - 22 000	AERONAUTICAL MOBILE (R)			
22 000 – 22 855	MARITIME MOBILE S5.132			
	S5.156			
22 855 – 23 000	FIXED			
	S5.156			
23 000 – 23 200	FIXED			
	Mobile except aeronautical mobi	le (R)		
	S5.156			
23 200 – 23 350	AERONAUTICAL MOBILE (O	R)		
FIXED S5.156A				

MOD

MOD	S5.155	Additional allocation: in Armenia, Azerbaijan, Belarus, Bulgaria, Georgia, Hungary, Kazakhstan, Moldova, Mongolia, Uzbekistan, Kyrgyzstan, Slovakia, the Czech Republic, Russia, Tajikistan, Turkmenistan and Ukraine, the band 21 850 - 21 870 kHz is also allocated to the aeronautical mobile (R) services on a primary basis.
ADD	S5.155A	In Armenia, Azerbaijan, Belarus, Bulgaria, Georgia, Hungary, Kazakhstan, Moldova, Mongolia, Uzbekistan, Kyrgyzstan, Slovakia, the Czech Republic, Russia, Tajikistan, Turkmenistan and Ukraine, the use of the band 21 850 - 21 870 kHz by the fixed service is limited to provision of services related to aircraft flight safety.
ADD	S5.155B	The band 21 870 - 21 924 kHz is used by the fixed service for provision of services related to aircraft flight safety.
NOC	S5.156	Additional allocation: in Nigeria, the band 22720 - 23200 kHz is also allocated to the meteorological aids service (radiosondes) on a primary basis.
ADD	S5.156A	The use of the band 23 200 - 23 350 kHz by the fixed service is limited to provision of services related to aircraft flight safety.

kHz 23 350 - 27 500

	Allocation to Services			
	Region 1	Region 2 Region 3		
	23 350 - 24 000	FIXED		
		MOBILE except aeronautical mobile \$5.157		
MOD				
	24 000 - 24 890	FIXED		
		LAND MOBILE		
MOD				
	24 890 - 24 990	AMATEUR S5.120		
		AMATEUR-SATELLITE		
MOD				
	24 990 – 25 005	STANDARD FREQUENCY AND TIME SIGNAL (25 000 kHz)		
	25 005 - 25 010	STANDARD FREQUENCY AND TIME SIGNAL		
	and the first of the second	Space Research		
	25 010 - 25 070	FIXED		
		MOBILE except aeronautical mol	bile	
	25070 - 25210	MARITIME MOBILE		
	25 210 - 25 550	FIXED		
		MOBILE except aeronautical mo	bile	
	25 550 - 25 670	RADIO ASTRONOMY		
		S5.149		
	25 670 - 26 100	BROADCASTING		
	26 100 – 26 175	MARITIME MOBILE S5.132		
	26 175 – 27 500	FIXED		
		MOBILE except aeronautical mol	bile	
		S5.150		

The use of the band $23\,350$ - $24\,000$ kHz by the maritime mobile service is limited to inter-ship radiotelegraphy.

SUP \$5.158

SUP \$5.159

MHz 27.5 – 40.98

Allocation to Services			
Region 1	Region 2	Region 3	
27.5 – 28	METEOROLOGICAL AIDS		
	FIXED		
	MOBILE		
28 – 29.7	AMATEUR		
	AMATEUR-SATELLIT	E	
29.7 – 30.005	FIXED		
	MOBILE		
30.005 - 30.01	SPACE OPERATION (s	atellite identification)	
	FIXED		
	MOBILE		
	SPACE RESEARCH		
30.01 ~ 37.5	FIXED		
	MOBILE		
37.5 – 38.25	FIXED		
	MOBILE		
	Radio Astronomy		
	S5.149	Alexander (1996)	
38.25 – 39.986	FIXED		
	MOBILE	ARTHUR DE LA MINISTER	
39.986 - 40.02	FIXED		
	MOBILE		
	Space Research		
40.02 – 40.98	FIXED		
	MOBILE		
	\$5.150		

MHz 40.98 -- 68

Allocation to Services				
Region 1	Region 2 Region 3			
40.98 – 41.015	FIXED			
1	MOBILE			
	Space Research			
	S5.160 S5.161			
41.015 – 44	FIXED			
1	MOBILE			
	S5.160 S5.161			
44 – 47	FIXED			
	MOBILE			
	S5.162			
47 – 68	47 – 50	47 – 50		
BROADCASTING	FIXED	FIXED		
	MOBILE	MOBILE		
		BROADCASTING		
•	50 – 54			
	AMATEUR			
	S5.166 S5.167 S5.1	68 S5.170		
	54 – 68	54 – 68		
	BROADCASTING	FIXED		
	Fixed	MOBILE		
	Mobile	BROADCASTING		
S5.163 S5.164 S5.165		. •		
S5.169 S5.171	S5.172			

MOD S5.160

Additional allocation: in Botswana, Burundi, Lesotho, Malawi,
Namibia, Rwanda, South Africa, Swaziland and Zaire, the band 41 - 44 MHz is
also allocated to the aeronautical radionavigation service on a primary basis.

NOC S5.161

Additional allocation: in the Islamic Republic of Iran and Japan, the band 41 - 44 MHz is also allocated to the radiolocation service on a secondary basis.

Additional allocation: in Australia and New Zealand, the band 44 - 47 MHz is also allocated to the broadcasting service on a primary basis.

Additional allocation: in Armenia, Azerbaijan, Belarus, Estonia, Georgia, Hungary, Kazakhstan, Latvia, Lithuania, Moldova, Mongolia, Uzbekistan, Kyrgyzstan, Slovakia, the Czech Republic, Russia, Tajikistan, Turkmenistan and Ukraine, the bands 47 - 48.5 MHz and 56.5 - 58 MHz are also allocated to the fixed and land mobile services on a secondary basis.

Additional allocation: in Albania, Germany, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Côte d'Ivoire, Denmark, Spain, Finland, France, Gabon, Greece, Ireland, Israel, Italy, Jordan, Lebanon, Libya, Liechtenstein, Luxembourg, Madagascar, Mali, Malta, Morocco, Mauritania, Monaco, Nigeria, Norway, the Netherlands, Poland, the United Kingdom, Senegal, Slovenia, Sweden, Switzerland, Swaziland, Syria, Togo, Tunisia, Turkey and Yugoslavia, the band 47 - 68 MHz and in Romania, the band 47 - 58 MHz, are also allocated to the land mobile service on a primary basis. However, stations of the land mobile service in the countries mentioned in connection with each band referred to in this footnote shall not cause harmful interference to, or claim protection from, existing or planned broadcasting stations of countries other than those mentioned in connection with the band.

Additional allocation: in Angola, Cameroon, the Congo, Madagascar, Mozambique, Somalia, Sudan, Tanzania and Chad, the band 47 - 68 MHz is also allocated to the fixed and mobile, except aeronautical mobile, services on a primary basis.

Alternative allocation: in New Zealand, the band 50 - 51 MHz is allocated to the fixed, mobile and broadcasting services on a primary basis; the band 53 - 54 MHz is allocated to the fixed and mobile services on a primary basis.

Alternative allocation: in Bangladesh, Brunei Darussalam, India, Indonesia, the Islamic Republic of Iran, Malaysia, Pakistan, Singapore and Thailand, the band 50 - 54 MHz is allocated to the fixed, mobile and broadcasting services on a primary basis.

NOC

S5.162

MOD S5.163

MOD S5.164

MOD S5.165

MOD S5.167

S5.166

NOC

NOC	S5.168	Additional allocation: in Australia, China and the Democratic People's Republic of Korea, the band 50 - 54 MHz is also allocated to the broadcasting service on a primary basis.
NOC	S5.169	Alternative allocation: in Botswana, Burundi, Lesotho, Malawi, Namibia, Rwanda, South Africa, Swaziland, Zaire, Zambia and Zimbabwe, the band 50 - 54 MHz is allocated to the amateur service on a primary basis.
NOC	S5.170	Additional allocation: in New Zealand, the band 51 - 53 MHz is also allocated to the fixed and mobile services on a primary basis.
MOD	S5.171	Additional allocation: in Botswana, Burundi, Lesotho, Malawi, Mali, Namibia, Rwanda, South Africa, Swaziland, Zaire and Zimbabwe, the band 54 - 68 MHz is also allocated to the fixed and mobile, except aeronautical mobile, services on a primary basis.
NOC	S5.172	Different category of service: in the French Overseas Departments in Region 2, Guyana, Jamaica and Mexico, the allocation of the band 54 - 68 MHz to the fixed and mobile services is on a primary basis (see No. S5.33).

MHz 68 – 75.2

Allocation to Services			
Region 1	Region 2	Region 3	
68 – 74.8	68 – 72	68 – 74.8	
FIXED	BROADCASTING	FIXED	
MOBILE except	Fixed	MOBILE	
aeronautical mobile	Mobile		
	S5.173		
	72 – 73		
	FIXED		
	MOBILE		
	73 – 74.6		
	RADIO ASTRONOMY		
	S5.178		
	74.6 – 74.8		
	FIXED		
	MOBILE		
S5.149 S5.174 S5.175		SE 140, SE 176, SE 170	
S5.177 S5.179		S5.149 S5.176 S5.179	
74.8 – 75.2	AERONAUTICAL RADIONAY	VIGATION	
S5.180 S5.181			

Different category of service: in the French Overseas Departments in Region 2, Guyana, Jamaica and Mexico, the allocation of the band 68 - 72 MHz to the fixed and mobile services is on a primary basis (see No. S5.33).

MOD S5.174

Alternative allocation: in Bulgaria, Hungary, Poland, Romania and Slovakia, the band 68 - 73 MHz is allocated to the broadcasting service on a primary basis and used in accordance with the decisions in the Final Acts of the Special Regional Conference (Geneva, 1960).

MOD S5.175

Alternative allocation: in Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Latvia, Lithuania, Moldova, Mongolia, Uzbekistan, Kyrgyzstan, Russia, Tajikistan, Turkmenistan and Ukraine, the bands 68 - 73 MHz and 76 - 87.5 MHz are allocated to the broadcasting service on a primary basis. The services to which these bands are allocated in other countries and the broadcasting service in the countries listed above are subject to agreements with the neighbouring countries concerned.

NOC S5.176

Additional allocation: in Australia, China, the Republic of Korea, the Philippines, the Democratic People's Republic of Korea and Western Samoa, the band 68 - 74 MHz is also allocated to the broadcasting service on a primary basis.

MOD S5.177

Additional allocation: in Armenia, Azerbaijan, Belarus, Bulgaria, Estonia, Georgia, Hungary, Kazakhstan, Latvia, Lithuania, Moldova, Mongolia, Uzbekistan, Poland, Kyrgyzstan, Russia, Tajikistan, Turkmenistan and Ukraine, the band 73 - 74 MHz is also allocated to the broadcasting service on a primary basis, subject to agreement obtained under No. S9.21.

MOD S5.178

Additional allocation: in Colombia, Costa Rica, Cuba, El Salvador, Guatemala, Guyana, Honduras and Nicaragua, the band 73 - 74.6 MHz is also allocated to the fixed and mobile services on a secondary basis.

MOD S5.179

Additional allocation: in Armenia, Azerbaijan, Belarus, Bulgaria, China, Georgia, Kazakhstan, Latvia, Lithuania, Moldova, Mongolia, Kyrgyzstan, Slovakia, the Czech Republic, Russia, Tajikistan, Turkmenistan and Ukraine, the bands 74.6 - 74.8 MHz and 75.2 - 75.4 MHz are also allocated to the aeronautical radionavigation service, on a primary basis, for ground-based transmitters only.

The frequency 75 MHz is assigned to marker beacons. Administrations shall refrain from assigning frequencies close to the limits of the guardband to stations of other services which, because of their power or geographical position, might cause harmful interference or otherwise place a constraint on marker beacons.

Every effort should be made to improve further the characteristics of airborne receivers and to limit the power of transmitting stations close to the limits 74.8 MHz and 75.2 MHz.

MOD S5.181

Additional allocation: in Germany, Austria, Belgium, Cyprus, Denmark, Egypt, Spain, France; Greece, Israel, Italy, Japan, Jordan, Lebanon, Malta, Morocco, Monaco, Norway, the United Kingdom, Sweden, Switzerland and Syria, the band 74.8 - 75.2 MHz is also allocated to the mobile service on a secondary basis, subject to agreement obtained under No. S9.21. In order to ensure that harmful interference is not caused to stations of the aeronautical radionavigation service, stations of the mobile service shall not be introduced in the band until it is no longer required for the aeronautical radionavigation service by any administration which may be identified in the application of the procedure invoked under No. S9.21.

MHz 75.2 - 137

		Allocation to Services		
	Region 1	Region 2	Region 3	
	75.2 – 87.5	75.2 – 75.4		
	FIXED	FIXED		
	MOBILE except	MOBILE		
	aeronautical mobile	S5.179		
		75.4 – 76	75.4 – 87	
	and the second second	FIXED	FIXED	
÷		MOBILE	MOBILE	
		76 – 88	S5.149 S5.182 S5.183 S5.186 S5.188	
•		BROADCASTING	87 – 100	
	\$5.175 \$5.179 \$5.184 \$5.187	Fixed	FIXED	
t in the state of	87.5 – 100	Mobile	MOBILE	
	BROADCASTING	S5.185	BROADCASTING	
	. Marithum tea.	88 – 100		
MOD	S5:190 T 3 444 (181	BROADCASTING		
1 14 17 18	100 – 108	BROADCASTING		
MOD		S5.192 S5.194		
	108 – 117.975	AERONAUTICAL RADIONA	AVIGATION	
13 (13) 13)	and the least of the large of the least of t	S5.197		
	117.975 – 136	AERONAUTICAL MOBILE (R)		
		S5.111 S5.198 S5.199 S5.200 S5.201		
.41.5	136 - 137 Journal 1	AERONAUTICAL MOBILE (R)		
ali (1 lin	andlo ses a sittle i	Fixed		
		Mobile except aeronautical mo	obile (R)	
		S5.198 S5.202 S5.203		

NOC	S5.182	Additional allocation: in Western Samoa, the band 75.4 - 87 MHz is also allocated to the broadcasting service on a primary basis.
NOC	S5.183	Additional allocation. in China, the Republic of Korea, Japan, the Philippines and the Democratic People's Republic of Korea, the band 76 - 87 MHz is also allocated to the broadcasting service on a primary basis.
MOD	S5.184	Additional allocation: in Bulgaria, Hungary and Romania, the band 76 - 87.5 MHz is also allocated to the broadcasting service on a primary basis and used in accordance with the decisions contained in the Final Acts of the Special Regional Conference (Geneva, 1960).
NOC	S5.185	Different category of service: in the United States, the French Overseas Departments in Region 2, Guyana, Jamaica, Mexico and Paraguay, the allocation of the band 76 - 88 MHz to the fixed and mobile services is on a primary basis (see No. S5.33).
MOD	S5.186	Additional allocation: in Region 3 (except in the Republic of Korea, India, Japan, Malaysia, the Philippines and Singapore), the band 79.75 - 80.25 MHz is also allocated to the radio astronomy service on a primary basis.
NOC	S5.187	Alternative allocation: in Albania, the band 81 - 87.5 MHz is allocated to the broadcasting service on a primary basis and used in accordance with the decisions contained in the Final Acts of the Special Regional Conference (Geneva, 1960).
MOD	S5.188	Additional allocation: in Australia, the band 85 - 87 MHz is also allocated to the broadcasting service on a primary basis. The introduction of the broadcasting service in Australia is subject to special agreements between the administrations concerned.
SUP	S5.189	and the second of the second o
MOD	S5.190	Additional allocation: in France, Ireland, Israel, Italy and Monaco, the band 87.5 - 88 MHz is also allocated to the land mobile service on a primary basis, subject to agreement obtained under No. S9:21:
SUP	S5.191	
NOC	S5.192	Additional allocation: in China, the Republic of Korea, the Philippines and Singapore, the band 100 - 108 MHz is also allocated to the fixed and mobile services on a primary basis.
SUP	S5.193	
		in the second of

Additional allocation: in Armenia, Azerbaijan, Belarus, Bulgaria, Georgia, Kazakhstan, Lebanon, Moldova, Mongolia, Uzbekistan, Kyrgyzstan, Russia, Somalia, Syria, Tajikistan, Turkmenistan, Turkey and Ukraine, the band 104 - 108 MHz is also allocated to the mobile, except aeronautical mobile (R), service on a secondary basis.

SUP \$5.195

SUP S5.196

MOD S5.197

Additional allocation: in Germany, Austria, Cyprus, Denmark, Egypt, Spain, France, Israel, Italy, Japan, Jordan, Lebanon, Malta, Morocco, Monaco, Norway, Pakistan, the United Kingdom, Sweden and Syria, the band 108 - 111.975 MHz is also allocated to the mobile service on a secondary basis, subject to agreement obtained under No. S9.21. In order to ensure that harmful interference is not caused to stations of the aeronautical radionavigation service, stations of the mobile service shall not be introduced in the band until it is no longer required for the aeronautical radionavigation service by any administration which may be identified in the application of the procedures invoked under No. S9.21.

MOD S5.198

Additional allocation: the band 117.975 - 137 MHz is also allocated to the aeronautical mobile-satellite (R) service on a secondary basis, subject to agreement obtained under No. **S9.21**.

NOC \$5.199

The bands 121.45 - 121.55 MHz and 242.95 - 243.05 MHz are also allocated to the mobile-satellite service for the reception on board satellites of emissions from emergency position-indicating radiobeacons transmitting at 121.5 MHz and 243 MHz (see Appendix S13).

NOC S5.200

In the band 117.975 - 136 MHz, the frequency 121.5 MHz is the aeronautical emergency frequency and, where required, the frequency 123.1 MHz is the aeronautical frequency auxiliary to 121.5 MHz. Mobile stations of the maritime mobile service may communicate on these frequencies under the conditions laid down in Article S31 and Appendix S13 for distress and safety purposes with stations of the aeronautical mobile service.

Additional allocation: in Angola, Armenia, Azerbaijan, Belarus, Bulgaria, Estonia, Georgia, Hungary, the Islamic Republic of Iran, Iraq, Japan, Kazakhstan, Latvia, Lithuania, Moldova, Mongolia, Mozambique, Uzbekistan, Papua New Guinea, Poland, Kyrgyzstan, Slovakia, the Czech Republic, Romania, Russia, Tajikistan, Turkmenistan and Ukraine, the band 132 - 136 MHz is also allocated to the aeronautical mobile (OR) service on a primary basis. In assigning frequencies to stations of the aeronautical mobile (OR) service, the administration shall take account of the frequencies assigned to stations in the aeronautical mobile (R) service.

MOD S5.202

Different category of service: in Armenia, Azerbaijan, Belarus, Bulgaria, Georgia, Kazakhstan, Latvia, Lithuania, Moldova, Uzbekistan, Poland, Kyrgyzstan, Slovakia, the Czech Republic, Romania, Russia, Tajikistan, Turkmenistan, Turkey and Ukraine, the allocation of the band 136 - 137 MHz to the aeronautical mobile (OR) service is on a primary basis. In assigning frequencies to stations of the aeronautical mobile (OR) service, the administration shall take account of the frequencies assigned to stations in the aeronautical mobile (R) service.

MOD S5.203

Additional allocation: the band 136 - 137 MHz is also allocated to the space operation service (space-to-Earth), meteorological-satellite service (space-to-Earth) and the space research service (space-to-Earth) on a secondary basis (see Resolution 408 (Mob-87)).

MHz 137 – 138

	Allocation to Services			
	Region 1	Region 2	Region 3	
	137 – 137.025	SPACE OPERATION (space-to-Earth)		
		METEOROLOGICAL-SATELLI	TE (space-to-Earth)	
	, ;	MOBILE-SATELLITE (space-to-	Earth) S5.209 S5.208A	
		SPACE RESEARCH (space-to-Earth)		
		Fixed		
		Mobile except aeronautical mobile	e (R)	
		S5.204 S5.205 S5.206 S5.207 S	5.208	
	137.025 - 137.175	SPACE OPERATION (space-to-F	Earth)	
		METEOROLOGICAL-SATELLI	TE (space-to-Earth)	
		SPACE RESEARCH (space-to-Ea	arth)	
•		Fixed		
	4 4 A C 1 4 4	Mobile-Satellite (space-to-Earth) S5.209 S5.208A		
- 4		Mobile except aeronautical mobile (R)		
_		S5.204 S5.205 S5.206 S5.207 S	5.208	
	137.175 – 137.825	SPACE OPERATION (space-to-I	Earth)	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	METEOROLOGICAL-SATELLITE (space-to-Earth)		
		MOBILE-SATELLITE (space-to-	Earth) S5.209 S5.208A	
		SPACE RESEARCH (space-to-Earth)		
		Fixed		
		Mobile except aeronautical mobil	e (R)	
1 - 1 - 1	and the state of t	S5.204 S5.205 S5.206 S5.207 S5.208		
	137.825 – 138	SPACE OPERATION (space-to-Earth)		
		METEOROLOGICAL-SATELLITE (space-to-Earth)		
	•	SPACE RESEARCH (space-to-Earth)		
, the		Fixed		
	\$1.50 p. 1.60	Mobile-Satellite (space-to-Earth)	S5.209 S5.208A	
		Mobile except aeronautical mobile	e (R)	
		\$5.204 \$5.205 \$5.206 \$5.207 \$	55.208	

Different category of service: in Afghanistan, Saudi Arabia, Bahrain, Bangladesh, Bosnia and Herzegovina, Brunei Darussalam, China, Cuba, the United Arab Emirates, India, Indonesia, the Islamic Republic of Iran, Iraq, Malaysia, Oman, Pakistan, Philippines, Qatar, Singapore, Sri Lanka, Thailand, Yemen and Yugoslavia, the band 137 - 138 MHz is allocated to the fixed and mobile, except aeronautical mobile (R), services is on a primary basis (see No. S5.33).

NOC S5.205

Different category of service: in Israel and Jordan, the allocation of the band 137 - 138 MHz to the fixed and mobile, except aeronautical mobile, services is on a primary basis (see No. S5.33).

MOD S5.206

Different category of service: in Armenia, Austria, Azerbaijan, Belarus, Bulgaria, Egypt, Finland, France, Georgia, Greece, Hungary, Kazakhstan, Lebanon, Moldova, Mongolia, Uzbekistan, Poland, Kyrgyzstan, Slovakia, the Czech Republic, Romania, Russia, Syria, Tajikistan, Turkmenistan and Ukraine, the allocation of the band 137 - 138 MHz to the aeronautical mobile (OR) service is on a primary basis (see No. S5.33).

NOC S5.207

Additional allocation: in Australia, the band 137 - 144 MHz is also allocated to the broadcasting service on a primary basis until that service can be accommodated within regional broadcasting allocations.

MOD S5.208

The use of the band 137 - 138 MHz by the mobile-satellite service is subject to coordination under No. S9.11bis and to Resolution 46 (Rev.WRC-95). The power flux-density limit indicated in [Table X] of Article [S21] shall apply until such time as a competent world radiocommunication conference revises it. Additionally, until that time, the provisions of Resolution COM5-5 apply.

ADD S5.208A

In making assignments to space stations in the mobile-satellite service in the bands 137 - 138 MHz, 387 - 390 MHz and 400.15 - 401 MHz, administrations shall take all practicable steps to protect the radio astronomy service in the bands 150.05 - 153 MHz, 322 - 328.6 MHz, 406.1 - 410 MHz and 608 - 614 MHz from harmful interference from unwanted emissions. For information, the threshold levels of interference detrimental to the radio astronomy service to be protected are shown in Table 1 of Recommendation ITU-R RA.769-1.

MOD S5.209

The use of the bands 137 - 138 MHz, 148 - 149.9 MHz, 400.15 - 401 MHz, 455 - 456 MHz and 459 - 460 MHz by the mobile-satellite service and the bands 149.9 - 150.05 MHz and 399.9 - 400.05 MHz by the land mobile-satellite service is limited to non-geostationary satellite systems.

Horas Com

MHz 138 - 148

Allocation to Services			
Region 1	Region 2	Region 3	
138 – 143.6	138 – 143.6	138 – 143.6	
AERONAUTICAL	FIXED	FIXED	
MOBILE (OR)	MOBILE	MOBILE	
	RADIOLOCATION	Space Research	
	Space Research (space-to-Earth)	(space-to-Earth)	
\$5.210 \$5.211 \$5.212 \$5.214		S5.207 S5.213	
143.6 – 143.65	143.6 - 143.65	143.6 - 143.65	
AERONAUTICAL	FIXED	FIXED	
MOBILE (OR)	MOBILE	MOBILE	
SPACE RESEARCH (space-to-Earth)	SPACE RESEARCH (space-to-Earth)	SPACE RESEARCH (space-to-Earth)	
S5.211 S5.212 S5.214	RADIOLOCATION	S5.207 S5.213	
143.65 – 144	143.65 – 144	143.65 – 144	
AERONAUTICAL	FIXED	FIXED	
MOBILE (OR)	MOBILE	MOBILE	
	RADIOLOCATION	Space Research	
	Space Research (space-to-Earth)	(space-to-Earth)	
\$5.210 \$5.211 \$5.212 \$5.214		S5.207 S5.213	
144 – 146	AMATEUR S5.120		
	AMATEUR-SATELLITE		
\$5.216			
146 – 148	146 – 148	146 – 148	
FIXED	AMATEUR	AMATEUR	
MOBILE except		FIXED	
aeronautical mobile (R)		MOBILE	
	S5.217	S5.217	

Additional allocation: in Austria, Belgium, France, Italy, Liechtenstein, Luxembourg, Slovakia, the Czech Republic, the United Kingdom and Switzerland, the bands 138 - 143.6 MHz and 143.65 - 144 MHz are also allocated to the space research service (space-to-Earth) on a secondary basis.

NOC S5.211

Additional allocation: in Germany, Saudi Arabia, Austria, Bahrain, Belgium, Bosnia and Herzegovina, Denmark, the United Arab Emirates, Spain. Finland, Greece, Ireland, Israel, Kenya, Kuwait, The Former Yugoslav Republic of Macedonia, Liechtenstein, Luxembourg, Mali, Malta, Norway, the Netherlands, Qatar, the United Kingdom, Slovenia, Somalia, Sweden, Switzerland, Tanzania, Tunisia, Turkey and Yugoslavia, the band 138 - 144 MHz is also allocated to the maritime mobile and land mobile services on a primary basis.

NOC S5.212

Alternative allocation: in Angola, Botswana, Burundi, Cameroon, the Central African Republic, the Congo, Gabon, Gambia, Ghana, Guinea, Iraq, Jordan, Lesotho, Liberia, Libya, Malawi, Mozambique, Namibia, Nigeria, Oman, Rwanda, Sierra Leone, South Africa, Swaziland, Chad, Togo, Zaire, Zambia and Zimbabwe, the band 138 - 144 MHz is allocated to the fixed and mobile services on a primary basis.

NOC S5.213

Additional allocation: in China, the band 138 - 144 MHz is also allocated to the radiolocation service on a primary basis.

MOD S5.214

Additional allocation: in Bosnia and Herzegovina, Croatia, Eritrea, Ethiopia, Kenya, The Former Yugoslav Republic of Macedonia, Malta, Slovenia, Somalia, Sudan, Tanzania and Yugoslavia, the band 138 - 144 MHz is also allocated to the fixed service on a primary basis.

SUP S5.215

NOC S5.216

Additional allocation: in China, the band 144 - 146 MHz is also allocated to the aeronautical mobile (OR) service on a secondary basis.

NOC S5.217

Alternative allocation: in Afghanistan, Bangladesh, Cuba, Guyana and India, the band 146 - 148 MHz is allocated to the fixed and mobile services on a primary basis.

MHz 148 - 156.8375

Allocation to Services				
Region 1	Region 2	Region 3		
148 – 149.9	148 – 149.9			
FIXED	FIXED			
MOBILE except aeronautical mobile (R)	MOBILE			
MOBILE-SATELLITE (Earth-to-space) S5.209	MOBILE-SATELLITE (Earth-to-space) S5.209			
S5.218 S5.219 S5.221	\$5.218 \$5.219 \$5.221			
149.9 – 150.05	RADIONAVIGATION-SATELLITE			
S5.220 S5.222 S5.223				
LAND MOBILE-SATELLITE (Earth-to-space) S5.209 S5.224				
150.05 - 153	150.05 - 156.7625			
FIXED	FIXED			
MOBILE except aeronautical mobile	MOBILE			
RADIO ASTRONOMY				
S5.149				
153 – 154				
FIXED				
MOBILE except aeronautical mobile (R)				
Meteorological Aids				
154 - 156.7625				
FIXED				
MOBILE except aeronautical mobile (R)				
S5.226 S5.227	\$5.225 \$5.226 \$5.22	27		
156.7625 – 156.8375 MARITIME MOBILE (distress and calling)				

S5.111 S5.226

Additional allocation: the band 148 - 149.9 MHz is also allocated to the space operation service (Earth-to-space) on a primary basis, subject to agreement obtained under No. S9.21. The bandwidth of any individual transmission shall not exceed ± 25 kHz.

MOD S5.219

The use of the band 148 - 149.9 MHz by the mobile-satellite service is subject to coordination under No. S9.11bis. The mobile-satellite service shall not constrain the development and use of the fixed, mobile and space operation services in the band 148 - 149.9 MHz.

MOD S5.220

The use of the bands 149.9 - 150.05 MHz and 399.9 - 400.05 MHz by the land mobile-satellite service is subject to coordination under **S9.11bis**. The land mobile-satellite service shall not constrain the development and use of the radionavigation-satellite service in the bands 149.9 - 150.05 MHz and 399.9 - 400.05 MHz.

MOD S5.221

Stations of the mobile-satellite service in the band 148 - 149.9 MHz shall not cause harmful interference to, or claim protection from, stations of the fixed or mobile services operating in accordance with the Table of Frequency Allocations in the following countries: Albania, Algeria, Germany, Saudi Arabia, Australia, Austria, Bahrain, Bangladesh, Barbados, Belarus, Belgium, Benin, Bosnia and Herzegovina, Brunei Darussalam, Bulgaria, Burkina Faso, Cameroon, Canada, China, Cyprus, Colombia, Congo, the Republic of Korea, Croatia, Cuba, Denmark, Egypt, the United Arab Emirates, Ecuador, Eritrea, Spain, Estonia, Ethiopia, Finland, France, Gabon, Ghana, Greece, Guinea, Guinea Bissau, Honduras, Hungary, India, Indonesia, the Islamic Republic of Iran, Ireland, Iceland, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kuwait, Latvia, The Former Yugoslav Republic of Macedonia, Lebanon, Libya, Liechtenstein, Luxembourg, Malaysia, Mali, Malta, Mauritania, Moldova, Mongolia, Mozambique, Namibia, Norway, New Zealand, Oman, Uganda, Uzbekistan, Pakistan, Panama, Papua New Guinea, Paraguay, the Netherlands, Philippines, Poland, Portugal, Qatar, Syria, Kyrgyzstan, Slovakia, Romania, the United Kingdom, Russia, Senegal, Sierra Leone, Singapore, Slovenia, Sri Lanka, South Africa, Sweden, Switzerland, Suriname, Swaziland, Tanzania, Chad, Thailand, Togo, Tonga, Trinidad and Tobago, Tunisia, Turkey, Ukraine, Viet Nam, Yemen, Yugoslavia, Zambia, and Zimbabwe.

NOC S5.222

Emissions of the radionavigation-satellite service in the bands 149.9 - 150.05 MHz and 399.9 - 400.05 MHz may also be used by receiving earth stations of the space research service.

Recognizing that the use of the band 149.9 - 150.05 MHz by the fixed and mobile services may cause harmful interference to the radionavigation-satellite service, administrations are urged not to authorize such use in application of No. S4.4.

MOD S5.224

In the bands 149.9 - 150.05 MHz and 399.9 - 400.05 MHz, the allocation to the land mobile-satellite service shall be on a secondary basis until 1 January 1997.

NOC S5.225

Additional allocation: in Australia and India, the band 150.05 - 153 MHz is also allocated to the radio astronomy service on a primary basis.

NOC S5.226

The frequency 156.8 MHz is the international distress, safety and calling frequency for the maritime mobile VHF radiotelephone service. The conditions for the use of this frequency are contained in Article S31 and Appendix S13.

In the bands 156 - 156.7625 MHz, 156.8375 - 157.45 MHz, 160.6 - 160.975 MHz and 161.475 - 162.05 MHz, each administration shall give priority to the maritime mobile service on only such frequencies as are assigned to stations of the maritime mobile service by the administration (see Articles S31 and S52 and Appendix S13).

Any use of frequencies in these bands by stations of other services to which they are allocated should be avoided in areas where such use might cause harmful interference to the maritime mobile VHF radiocommunication service.

However, the frequency 156.8 MHz and the frequency bands in which priority is given to the maritime mobile service may be used for radio-communications on inland waterways subject to agreement between interested and affected administrations and taking into account current frequency usage and existing agreements.

NOC S5.227

In the maritime mobile VHF service the frequency 156.525 MHz is to be used exclusively for digital selective calling for distress, safety and calling (see Resolution 323 (Mob-87)). The conditions for the use of this frequency are prescribed in Articles S31 and S52 and in Appendices S13 and S18.

SUP S5.228

Alternative allocation: in Morocco, the band 162 - 174 MHz is allocated to the broadcasting service on a primary basis. The use of this band shall be subject to agreement with administrations having services, operating or planned, in accordance with the Table which are likely to be affected. Stations in existence on 1 January 1981, with their technical characteristics as of that date, are not affected by such agreement.

MOD S5.230

Additional allocation: in China, the band 163 - 167 MHz is also allocated to the space operation service (space-to-Earth) on a primary basis, subject to agreement obtained under No. **S9.21**.

NOC S5.231

Additional allocation: in Afghanistan, China and Pakistan, the band 167 - 174 MHz is also allocated to the broadcasting service on a primary basis. The introduction of the broadcasting service into this band shall be subject to agreement with the neighbouring countries in Region 3 whose services are likely to be affected.

NOC S5.232

Additional allocation: in Japan, the band 170 - 174 MHz is also allocated to the broadcasting service on a primary basis.

MOD S5.233

Additional allocation: in China, the band 174 - 184 MHz is also allocated to the space research (space-to-Earth) and the space operation (space-to-Earth) services on a primary basis, subject to agreement obtained under No. S9.21. These services shall not cause harmful interference to, or claim protection from, existing or planned broadcasting stations.

NOC S5.234

Different category of service: in Mexico, the allocation of the band 174 - 216 MHz to the fixed and mobile services is on a primary basis (see No. S5.33).

(MOD) S5.235

Additional allocation: in Germany, Austria, Belgium, Denmark, Spain, Finland, France, Israel, Italy, Liechtenstein, Malta, Monaco, Norway, the Netherlands, the United Kingdom, Sweden and Switzerland, the band 174 - 223 MHz is also allocated to the land mobile service on a primary basis. However, the stations of the land mobile service shall not cause harmful interference to, or claim protection from, broadcasting stations, existing or planned, in countries other than those listed in this footnote.

MHz 156.8375 – 235

			i	
	Region 1	Region 2	Region 3	
	156.8375 – 174	156.8375 – 174		
1	FIXED	FIXED		
1	MOBILE except aeronautical mobile	MOBILE		
MOD	S5.226 S5.229	S5.226 S5.230 S5.231 S5.232		
[]	174 – 223	174 – 216	174 – 223	
1	BROADCASTING	BROADCASTING	FIXED	
		Fixed	MOBILE	
		Mobile	BROADCASTING	
		S5.234		
į				
		216 – 220		
		FIXED		
1400		MARITIME MOBILE		
		Radiolocation S5.241 S5.242		
MOD	S5.235 S5.237 S5.243 S5.244	33.242	S5.233 S5.238 S5.240 S5.245	
-	223 – 230	220 – 225		
	BROADCASTING	AMATEUR	223 – 230	
	Fixed	FIXED	FIXED	
	Mobile	MOBILE	MOBILE	
		Radiolocation S5.241	BROADCASTING	
			AERONAUTICAL	
		225 – 235	RADIONAVIGATION Radiolocation	
	S5.236 S5.243 S5.244 S5.247	FIXED	Radiolocation	
MOD	S5.248	MOBILE	S5.250	
] 3	230 – 235		230 – 235	
ļ	FIXED		FIXED	
1	MOBILE		MOBILE	
			AERONAUTICAL	
			RADIONAVIGATION	
MOD	S5.244 S5.247 S5.248 S5.251		S5.250	